

### A. GENERAL INFORMATION

GENERATOR EPA-ID: WAD980738546

GENERATOR CODE (Assigned by Clean Harbors) **AL2113**

ADDRESS **3200 6th Ave**

GENERATOR PROFILE No. **CH281398**

GENERATOR NAME: **Alaskan Copper & Brass Company**

CITY **Seattle**

STATE **WA**

ZIP/POSTAL CODE **98134**

PHONE:

CUSTOMER CODE (Assigned by Clean Harb) **AL2113**

ADDRESS **3200 6th Ave**

CUSTOMER NAME: **Alaskan Copper & Brass Company**

CITY **Seattle**

STATE/PROVINCE **WA** ZIP/POSTAL CODE **98134**

### B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Rinse Water with Nitric Acid**

PROCESS GENERATING WASTE (Please provide detailed description of process generating waste):

**Rinse tanks for nitric acid baths**

### C. PHYSICAL PROPERTIES (at 25C or 77F)

<b>PHYSICAL STATE</b> SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS <input checked="" type="checkbox"/> LIQUID/SOLID MIXTURE % FREE LIQUID <b>98.00 - 100.00</b> % SETTLED SOLID <b>0.00 - 2.00</b> % TOTAL SUSPENDED SOLI SLUDGE GAS/AEROSOL		<b>NUMBER OF PHASES/LAYERS</b> <input checked="" type="checkbox"/> 1      2      3      TOP <b>98.00</b> MIDDLE % BY VOLUME (Approx.)      BOTTOM <b>2.00</b>		<b>VISCOSITY (If liquid present)</b> <input checked="" type="checkbox"/> 1 - 100 (e.g. WATER) 101 - 500 (e.g. MOTOR OIL) 501 - 10,000 (e.g. MOLASSES) > 10,000		<b>COLOR</b>  <u>clear</u>
		<b>ODOR</b> <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	<b>BOILING POINT °F (°C)</b> <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)	<b>MELTING POINT °F (°C)</b> < 140 (<60) 140-200 (60-93) > 200 (>93)	<b>TOTAL ORGANIC CARBON</b> <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%	
<b>FLASH POINT °F (°C)</b> < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	<b>pH</b> <input checked="" type="checkbox"/> <= 2 2.1 - 6.9 7 (Neutral) 7.1 - 12.4 >= 12.5	<b>SPECIFIC GRAVITY</b> < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethano) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifree) > 1.2 (e.g. Methylene Chlorid)		<b>ASH</b> < 0.1      > 20 0.1 - 1.0      Unknown 1.1 - 5.0 5.1 - 20.0      Actual:		<b>BTU/LB (MJ/kg)</b> <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual
Actual:		Actual:		<b>VAPOR PRESSURE (for liquids only)</b> mm Hg		

**D. COMPOSITION** (List the complete composition of the waste, include any inert components and /or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations. )

CHEMICAL	MIN -- MAX	UOM	CHEMICAL	MIN -- MAX	UOM
Ammonium Bisulfate	1.000 - 2.000	%			
NITRIC ACID	1.000 - 4.000	%			
WATER	90.000 - 95.000	%			

ANY METAL OBJECTs PRESENT?

YES ☐ NO ☒

If yes include dimension

**E. CONSTITUENTS -- Are these values based on testing or knowledge?**
☒ Knowledge    ☐ Testing

If constituent concentrations are based on analytical testing, analysis must be provided. If based on knowledge, basis of knowledge must be provided below.

**GENERATOR KNOWLEDGE**

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL ppm
D004	ARSENIC	5.0		
D005	BARIUM	100.0		
D006	CADMIUM	1.0		
D007	CHROMIUM	5.0		
D008	LEAD	5.0		
D009	MERCURY	0.2		
D010	SELENIUM	1.0		
D011	SILVER	5.0		

RCRA	VOLATILE COMPOUND	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL ppm
D018	BENZENE	0.5		
D019	CARBON TETRACHLORIDE	0.5		
D021	CHLOROBENZENE	100.0		
D022	CHLOROFORM	6.0		
D028	1,2-DICHLOROETHANE	0.5		
D029	1,1-DICHLOROETHYLENE	0.7		
D035	METHYL ETHYL KETONE	200.0		
D039	TETRACHLOROETHYLENE	0.7		
D040	TRICHLOROETHYLENE	0.5		
D043	VINYL CHLORIDE	0.2		

RCRA	SEMI-VOLATILE COMPOUND	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL ppm
D023	o-CRESOL	200.0		
D024	m-CRESOL	200.0		
D025	p-CRESOL	200.0		
D026	CRESOL (TOTAL)	200.0		
D027	1,4-DICHLOROBENZENE	7.5		
D030	2,4-DINITROTOLUENE	0.13		
D032	HEXACHLOROBENZENE	0.13		
D033	HEXACHLOROBUTADIENE	0.5		
D034	HEXACHLOROETHANE	3.0		
D036	NITROBENZENE	2.0		
D037	PENTACHLOROPHENOL	100.0		
D038	PYRIDINE	5.0		
D041	2,4,5-TRICHLOROPHENOL	400.0		
D042	2,4,6-TRICHLOROPHENOL	2.0		

RCRA	PESTICIDES AND HERBICIDE	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL ppm
D012	ENDRIN	0.02		
D013	LINDANE	0.4		
D014	METHOXYCHLOR	10.0		
D015	TOXAPHENE	0.5		
D016	2,4-D	10.0		
D017	2,4,5-TP (SILVEX)	1.0		
D020	CHLORDANE	0.03		
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		

OTHER METALS	MIN	MAX	UOM
ALUMINUM			
ANTIMONY			
BERYLLIUM			
CALCIUM			
COPPER			
MAGNESIUM			
MOLYBDENUM			
NICKEL			
POTASSIUM			
SILICON			
SODIUM			
THALLIUM			
TIN			
VANADIUM			
ZINC			

NON-METALS	MIN	MAX	UOM
BROMINE			
CHLORINE			
FLUORINE			
IODINE			
SULFUR			

OTHER NON-METALS	MIN	MAX	UOM
AMMONIA			
REACTIVE SULFIDE			
CYANIDE-TOTAL			
CYANIDE AMENABLE			
CYANIDE REACTIVE			

OTHER CHEMICALS	MIN	MAX	UOM
PHENOL			
Total Petroleum Hydrocarbons			

OTHER	
<b>HOCs</b> <input checked="" type="checkbox"/> NONE < 1000 PPM >= 1000 PPM	<b>PCBs</b> <input checked="" type="checkbox"/> NONE <50 PPM >= 50 PPM  IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?  YES <input checked="" type="checkbox"/> NO

**ADDITIONAL HAZARDS**

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

 YES    ☒ NO    (If yes, explain)

 ASBESTOS  
 DEA REGULATED SUBSTANCES  
 DIOXIN  
 EXPLOSIVE  
 HERBICIDE  
 FUMING / SMOKING WASTE

 INFECTIOUS, PATHOGENIC, OR ETIOLOGICAL AGENT  
 OXIDIZER  
 OSHA REGULATED CARCINOGENS  
 PESTICIDE  
 POLYMERIZABLE  
 RADIOACTIVE

 REDUCING AGENT  
 SHOCK SENSITIVE  
 SPONTANEOUSLY IGNITES WITH AIR  
 THERMALLY SENSITIVE  
 WATER REACTIVE

NONE OF THE ABOVE

**F. REGULATORY STATUS**

☒ YES NO USEPA HAZARDOUS WASTE? D002

YES ☒ NO DO ANY STATE WASTE CODES APPLY?

☒ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: This is subject to LDR.

VARIANCE INFO:

YES ☒ NO IS THIS A UNIVERSAL WASTE?

☒ YES NO IS THIS A WASTEWATER PER 40 CFR PART 268.2?

YES ☒ NO IF ANY WASTE CODES D001, D002, D003 (OTHER THAN REACTIVE CYANIDE OR REACTIVE SULFIDE), D004-D0011, D012-D017 NON-WASTEWATERS, OR D018- D043 APPLY, ARE ANY UNDERLYING HAZARDOUS (UHCs) PRESENT ABOVE UNIVERSAL TREATMENT STANDARDS?

YES ☒ NO IF ANY WASTE CODES D001, D002, D003 (OTHER THAN REACTIVE CYANIDE OR REACTIVE SULFIDE), D004-D0011, D012-D017 NON-WASTEWATERS, OR D018- D043 APPLY, ARE ANY UNDERLYING HAZARDOUS (UHCs) PRESENT ABOVE UNIVERSAL TREATMENT STANDARDS?

YES ☒ NO IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS?

IF YES, SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 4

YES ☒ NO IS THIS WASTE REGULATED UNDER THE BENZENE NESHAP RULES?

IF YES, IS THE GENERATOR'S TOTAL ANNUAL BENZENE >= 10 Megagrams? YES NO

YES ☒ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☒ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☒ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE GREATER THAN 77 KPa (11.2PSIA)?

YES ☒ NO IS THIS CERCLA REGULATED (SUPERFUND ) WASTE ?

YES ☒ NO IS THIS WASTE REGULATED UNDER THE OZONE DEPLETING SUBSTANCE ACT FOR ONTARIO?

**G. D.O.T INFORMATION:** (Include proper shipping name, hazard class and ID number).

 US D.O.T. DESCRIPTION: RQ, Waste Corrosive liquid, acidic, inorganic, n.o.s., (Nitric Acid <70%) , 8, UN3264, PG II (D002)
**H. TRANSPORTATION REQUIREMENTS**

 ESTIMATED SHIPMENT FREQUENCY: ONE TIME WEEKLY MONTHLY ☒ QUARTERLY YEARLY OTHER Other

IF BULK LIQUID OR BULK SOLID PLEASE INICATE THE EXPECTED NUMBER OF LOADS PER SHIPPING FREQUENCY

CONTAINERIZED	<input checked="" type="checkbox"/> BULK LIQUID	BULK SOLID
CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: <u>2,500Min -5,000 Max</u> GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY:	<input checked="" type="checkbox"/> FROM TANKS: TANK SIZE <u>1,000</u> GAL.	PER SHIPMENT: 0.00 MIN 0.00 MAX
CONTAINER TYPE:	FROM DRUMS	STORAGE CAPACI TON/YD
CUBIC YARD BOX	VEHICLE TYPE:	VEHICLE TYPE:
PALLET	VAC TRUCK	DUMP TRAILER
TOTE TANK	<input checked="" type="checkbox"/> TANK TRUCK	ROLL OFF BOX
<input checked="" type="checkbox"/> OTHER:	RAILROAD TANK CAR	INTERMODAL ROLLOFF BOX
DRUM SIZE:	CHECK COMPATIBLE STORAGE MATERIAL	CUSCO/VACTOR
CONTAINER MATERIAL:	STEEL STAINLESS STEEL	OTHER <u></u>
STEEL	RUBBER LINED FIBERGLASS LINED	
FIBER	DERAKANE	
PLASTIC	OTHER <u></u>	
<input checked="" type="checkbox"/> OTHER <u></u>		

**I. SPECIAL REQUEST**

 SPECIFIC DISPOSAL RESTRICTIONS OR REQUESTS: B22N

SPECIAL WASTE HANDLING REQUIREMENTS

OTHER COMMENTS OR REQUESTS:

**J. BIENNIAL / ANNUAL REPORTING INFORMATION**

 SIC CODE 2431

 SOURCE CODE G09

 FORM CODE W103
**K. SAMPLE STATUS**

YES

SAMPLED BY

DATE SAMPLED

WHERE SENT

REPRESENTATIVE SAMPLE HAS BEEN SUPPLIE

☒ NO

**GENERATORS CERTIFICATION**

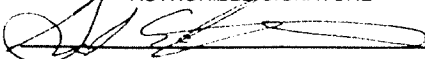
I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE


GERALD THOMPSON
Enviro. Asst
12-11-07